



# LP120

## LINE INTERACTIVE SINEWAVE UPS SELECTION GUIDE

- EXCELLENT MICROPROCESSOR CONTROL GUARANTEES HIGH RELIABILITY
- BOOST AND BUCK AVR FOR VOLTAGE STABILIZATION
- CHARGING ABILITY AT LOW INPUT VOLTAGE, 2 TIMES MORE POWERFUL THAN OTHERS
- COMPREHENSIVE LCD DISPLAY FOR STATUS INDICATION
- COLD START FUNCTION
- OVERLOAD, SHORT-CIRCUIT, AND OVERHEAT PROTECTION
- AUTO-RESTART WHILE AC IS RECOVERING
- BUILT-IN USB & RS-232 COMMUNICATION PORTS
- FREE DOWNLOAD SOFTWARE FOR UPS MONITORING AND CONTROLS

# LP120

## LP120 LINE INTERACTIVE SINEWAVE UPS SELECTION GUIDE

MODEL	LP120-1000	LP120-1500	LP120-2000
POWER RATING	1000 VA / 700 W	1500 VA / 1050 W	2000 VA / 1400 W
<b>INPUT</b>			
Rated Voltage	220/230/240 Vac or 110/120 Vac*		
Voltage Tolerance	81-145 Vac /162-290 Vac		
Rated Frequency AC Mode	60/50 Hz (auto sensing)		
<b>OUTPUT</b>			
Rated Voltage	220/230/240 Vac or 110/120 Vac		
Voltage Regulation (Batt. Mode)	±5%		
Rated Frequency (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz		
Power Factor	0,7		
Efficiency	> 95%		
Crest Ratio	3:1		
Transfer Time (Typical)	< 4 ms		
Waveform (Batt. Mode)	Pure Sine Wave		
<b>BATTERY</b>			
Battery Type & Number	12 V / 7AH x 2 pcs	12 V / 9 AH x 2 pcs	12 V / 10 AH x 2 pcs
Backup time at 50% rated load	8 min.	7 min.	7 min.
Typical Recharge Time	6 hours recover to 90% capacity		
<b>INDICATORS</b>			
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery		
<b>PROTECTION</b>			
Full Protection	Overload, discharge, and overcharge protection		
<b>ALARM</b>			
Battery Mode	Sounding every 10 seconds		
Low Battery	Sounding every second		
Overload	Sounding every 0.5 second		
Battery Replacement Alarm	Sounding every 2 seconds		
Fault	Continuously sounding		
<b>PHYSICAL</b>			
Output Receptacles	IEC or Schuko*		
Dimension, DXWXH (mm)	397 x 146 x 205		
Net Weight (kgs)	10,5	12,5	14
<b>ENVIRONMENT</b>			
Operating Humidity	0-90% RH @ 0- 40°C (non-condensing)		
Noise Level	Less than 40dB @ 1m		
<b>MANAGEMENT</b>			
USB Port	Supports Windows 98 SE/ME/NT 4.x/2000/2003/XP/Vista/2008		
Optional RS-232 Port			

\*on request

**note:** Product specifications are subject to change without further information